

The Effect of Iron Salts on the Rate of Reaction  
Between Polyethylenepolyamines and Hydroperoxides  
and Utilization of this Reaction for the Initia-  
tion of Polymerization, by B. A. Dolgoplosk,  
D. Sh. Korotkina.

RUSSIAN, per, Zhur Priklad Khim, Vol XXXI, No 4,  
1958, pp 625-630.

Assoc Tech Serv RJ-1442  
" " " 13K24R

Sci - Chem  
Apr 59

85-319

The Reactions of Free Radicals in Solution. XI.  
The Mechanism of the INHIBITION Inhibiting Effect  
of Quinones on the Thermal Polymerization of  
Styrene, by B. A. Dolgoplosk, D. Sh. Korotkina,  
7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XVII, No 9,  
1957, pp 2546-2552.

Consultants Bureau

Sci - Chem  
Oct 58

75, 176

Reactions of Free Radicals in Solution. V.  
Mechanism of the Inhibiting Effect of Poly-  
phenols and Aromatic Amines on Styrene Poly-  
merization, by S. A. Dolgoplosk, D. Sh.  
Korotkina, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII,  
No 8, 1957, pp 2226-2231.

Consultants Bureau

Sci - Chem  
Oct 58

74, 207

110

The Derivation of Models of Liquid Media and  
Solid Bodies From The Kinetic Equations of the  
Averaged Force Field, by N. K. Korotkina.

Unpublished, Vestnik Moscow Univ seriya 1,  
Matematika, Mekhanika, No 3, 1964, p. 39-50.

F100573007-4

F100573004-556

000-421  
JUL 00

345,762

Possible Definitions of the Concepts of Stress and  
Strain in a System of Interacting Particles, by  
M. R. Korotkina, 6 pp.

RUSSIAN, per, Prik Matemat i Mekh, VolXXV, No 6,  
1961, pp 1128-1131.

PP

Sci

Oct 62

216,042

Method of Production of Cirrhosis of the Liver with  
Splenomegaly and Ascites in Rabbits by Means of Car-  
bon Tetrachloride, by L. S. Rubetskoy, R. N. Korot-  
jnev, 2 pp

RUSSTAN, per, Pyul Eksper Biol i Med, Vol L, No 7,  
1960, pp 122-124.

CB

143,653

ar 61

Changes in the Number of Peptide Bonds in  
Isolated Proteins, by N.G. Kritzman, E.S. Sutkinova,  
A.S. Kenikova, R.N. Korotkina, 5 pp.

RUSSIAN, per, Pirokhim, Vol XXV, No 1, 1960,  
pp 17-23.

CB

10/22/63

Nov 60

Sci

Comparative Study of the Types of Bonds Forming  
during In Vitro and In Vivo Incorporation of Amino  
Acids into Proteins, by A. S. Konikova, M. G.  
Kritsman, R. N. Korotkina, B. S. Sukhareva, A. V.  
Pogosova, 5 pp.

RUSSIAN, per, Bickniss, Vol XXIV, No 5, 1959,  
pp 794-798.

Consultants Bureau

Sci

Jun 60

117,679

The Calculation of the Kinetic Energy of a  
Plane Absorbed by the Wheel Brakes During  
the Landing Run, by V. S. Shishov, Yu. G.  
Korotkiy, 13 pp.

Zaved,  
RUSSIAN, per, Iz Vyschikh Ucheb/Aviats,  
Tekh, No 4, 1961, pp 149-155. 9676774

FID-IT-62-379

Sci - Phys, Engr

196, 471

22 May 62

LIVSHITS, B. G.  
KOROTKORUCHKO, A.

Cemented Carbides Studies by Physical Methods.

ZAVODSKAYA, LABORATORIYA, vol 7, 1938, pp 202-20h;  
1500 words.

Brutcher № 1282, § 1.1

A 5.855

Guanase Activity in the Tissue of Healthy  
and Tumorous Animals, by V. P. Korotkoruchko,  
11 pp.

RUDNIAK, per, Ukrain Biokhim Zhur,  
vol XXXI, No 4, 1965, pp 481-488.

SLA 60-102-16

Sci  
Vol IV, No 11  
1965

197, 965

V  
(FDD 25603)

Method of Purifying Liver Xanthinoxidase of  
Healthy Animals and Those Having Malignant  
Tumors and Some Properties of This Enzyme, by  
V. P. Korotkoruchko, 19 pp.

EN UKRAINIAN, qu per, Ukr Biokhim Zhur, Vol XXVI,  
No 4, Kiev, 1954, pp 363-374.

CIA/FDD U-8024

USSR  
Sci - Medicine, biochemistry

33,622

24A R-27767

(SP-1988)

The Activity of Certain Glycolytic Enzymes in the  
Blood of Cancer Patients, by V. P. Korotkoruchko,  
P. D. Dvornikova, I. N. Ischenko, 6 pp.

RUSSIAN, per, Voprosy Med Khim, Vol VII, No 3, 1961,  
pp 273-276.

JPRS 10786

174, 811

Sci - Med

Dec 61

<p>Korotkoruchko, V. P. and Fedorova, G. P. PHYSICOCHEMICAL PROPERTIES OF SERUM PROTEINS IN RABBITS WITH BROWN-PEARCE CARCINOMA. [1963] [16p] 21refs FASEB Manuscript no.: S 395-2. Order from OTS, SLA, or ETC \$1.60 TT-63-24522  Trans. of Ukrayins'kyi Biokhimichnyi Zhurnal (USSR) 1962, v. 34, no. 1, p. 23-31. (Abstract available)</p> <p>DESCRIPTORS: Physical chemistry, *Blood proteins, Rabbits, *Cancer, Blood chemistry, Diagnostic agents, Diagnosis.</p> <p>A substantial decrease in the quantity of reactive SH-groups in natural blood serum of carcinomatous rabbits as compared with that of healthy rabbits was shown, both per 100 ml of serum and per 1 g of protein. In protein precipitated by nitric acid from the serum of (Biological Sciences--Pathology, TT, v. 11, no. 6)(over)</p>	<p>TT-63-24522</p> <p>I. Title: Brown-Pearce carcinoma</p> <p>II. Korotkoruchko, V. P.</p> <p>III. Fedorova, G. P.</p> <p>IV. FASEB-S-395-2</p> <p>V. Federation of American Societies for Experimental Biology, Washington, D. C.</p> <p>V. Scripta Technica, Inc., Washington, D. C.</p> <p>... 43850</p> <p>Office of Technical Services</p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

(NY-5689/2)

On Certain Physico-Chemical Properties of Proteins  
of Blood Serum During Malignant Growth, by V. P.  
Korotkoruchko, 15 pp.

per,  
UKRAINIAN, Ukrayins'kyj Biokhimichnyj Zhurnal,  
Vol XXXII, No 5, 1960, pp 655-666.

JPRS 9005

Sci - Med

Apr 61

147,239

Effects of the Fluctuations in the Electrode Potentials  
on the Ripple in an Electron Beam Produced by Centrif-  
ugal Electrostatic Focussing, by G. N. Korostalev,  
10 pp.

RUSSIAN, per, Iz Vysshikh Ucheb zaved, Vol III, No 5,  
1960.

JPRS 7362

165, 881

Sci

Aug 61

The Antigenic Structure of the Normal Spleen, by  
V. S. Korosteleva, T. P. Konstantinova, 3 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol L, No 9,  
1960, pp 101-103.

CB

Sci

Jun 61

157, 698

The Work of the Institute of Oceanology in the  
Arctic Basin, by V. G. Kort. 2 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXV, No 1,  
1955, pp 41, 42. CIA D 210207, DA 46168

Def Sci Info Sv,  
DRB, Canada,  
T 178 R

Open Releasable U.S.

USSR

Scientific - Geophysics

23,810

CTS 68/May 1955

Malignant Foot-and Mouth Disease of Cattle  
By A. V. Korotkikh, S. I. Solov'ev,  
V. D. Gridneva.

JOURNAL, par. Veterinariya, Vol XXVIII,  
No. 1, 1960, pp 23-24. 9094833

USDA TR V-1155

184, 46.1

Sep - Med

Feb 62

The Relationship between Secretion and Incretion  
of Pepsinogen, by G. F. Korot'ko, 6 pp.

RUSSIAN, per, Fiz Zhur SSSR imeni I. M. Sechenova,  
Vol XLVII, No 9, 1961.

Elsevier Pub Co

Sci

Oct 62

216,572

TT-65-29240

## Field III

Korotkov, A. A.; Lishanskii, I. S.; Zak, A. G.  
POLYMERISATION DU PENTENE-1 EN PRESENCE  
D'ISOPRENE SUR CATALYSEUR COMPLEXE (Poly-  
merizatsiya Pentena-1 v Prisutstvii Izoprena na Kom-  
pleksnom Katalizatore). 7p (foreign text included) Treda,  
CNRS-VIIIb-1207.

Order from ETC: \$1.10 as TT-65-29240

Trans. In French of Akademiya Nauk SSSR, Doklady,  
v155 n1 p136-8 1964.  
Also available from CNRS as CNRS-VIIIb-1207.

1. Centre National de la  
Recherche Scientifique,  
Paris (France)

European Translations Centre

Abbreviated Manual on Domestically-Produced  
Automotive Vehicles and Trailers, by Goryachev,  
Korotkov, Berlin, 16 pp. UNCL.

RUSSIAN, bk, Kratkiy Spravochnik po Otechestvennym  
Avtomobilem i Pritsepam, 1956, pp 211-254.

ACSI H-7633  
ID 2113072

USSR  
Bonn  
Apr 61

143, 405

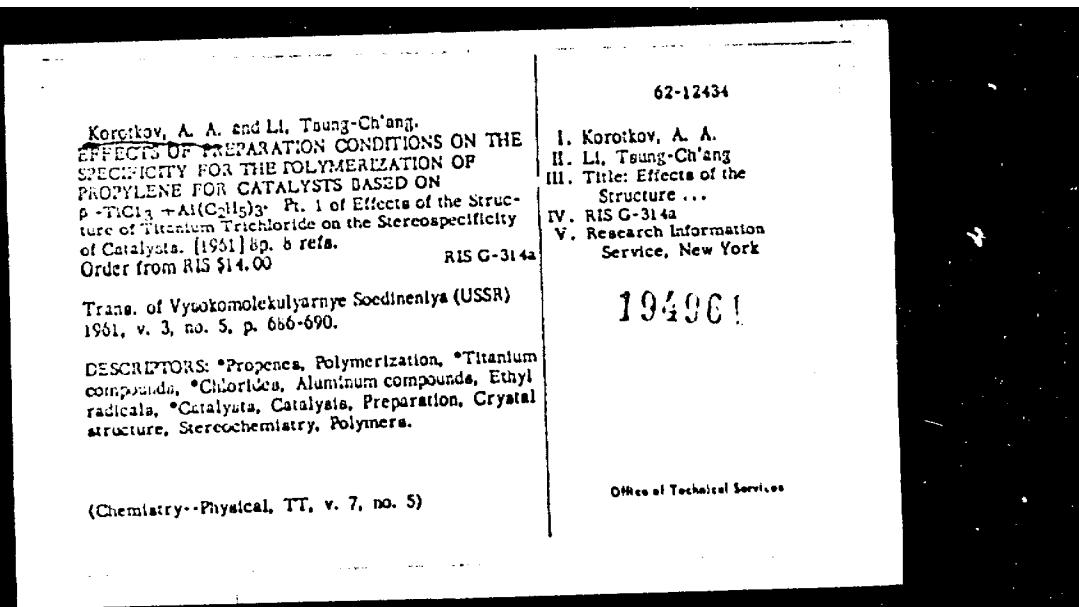
On Axial Forces in Hydrodynamic Couplings, by  
A. A. Korotkov.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Energet,  
No 4, 1959, pp 115-123.

MLL RDS 2188

Sci - Engr  
May 63

230,622



<p>Korotkov, A. A. and Li, Tsung-Ch'ang. EFFECTS OF PREPARATION CONDITIONS ON THE SPECIFICITY FOR THE POLYMERIZATION OF PROPYLENE FOR CATALYSTS BASED ON <math>\beta</math>-TICl<sub>3</sub> + Al(C<sub>2</sub>H<sub>5</sub>)<sub>3</sub>. Pt. 1 of Effects of the Struc- ture of Titanium Trichloride on the Stereospecificity of Catalysts. [1961] 8p. 8 refs. Order from RIS \$14.00</p> <p>Trans. of Vysokomolekulyarnye Soedineniya (USSR) 1961, v. 3, no. 5, p. 686-690.</p> <p>DESCRIPTORS: *Propenes, Polymerization, *Titanium compounds, *Chlorides, Aluminum compounds, Ethyl radicals, *Catalysts, Catalysis, Preparation, Crystal structure, Stereochemistry, Polymers.</p> <p>(Chemistry--Physical, TT, v. 7, no. 5)</p>	<p>62-12434</p> <p>I. Korotkov, A. A. II. Li, Tsung-Ch'ang III. Title: Effects of the Structure ... IV. RIS G-314a V. Research Information Service, New York</p> <p>194961</p> <p>Office of Technical Services</p>
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Korotkov, A. A. and Li, Tsung-Ch'ang.  
CHANGES IN THE STRUCTURE AND CATALYTIC  
BEHAVIOR OF TITANIUM TRICHLORIDE AFTER  
HEAT TREATMENT, Pt. 2 of Effects of the Structure  
of Titanium Trichloride on the Stereospecificity of  
Catalysts. [1961] 11p. 6 refs.  
Order from RIS \$20.00

RIS G-314b

Trans. of Vysokomolekularnye Soedineniya (USSR)  
1961, v. 3, no. 5, p. 691-698.

DESCRIPTORS: \*Titanium compounds, \*Chlorides,  
\*Catalysts, Catalysis, Heat treatment, Crystal  
structure, Stereochemistry, X-ray diffraction analysis,  
Electron microscopy, Chemical analysis.

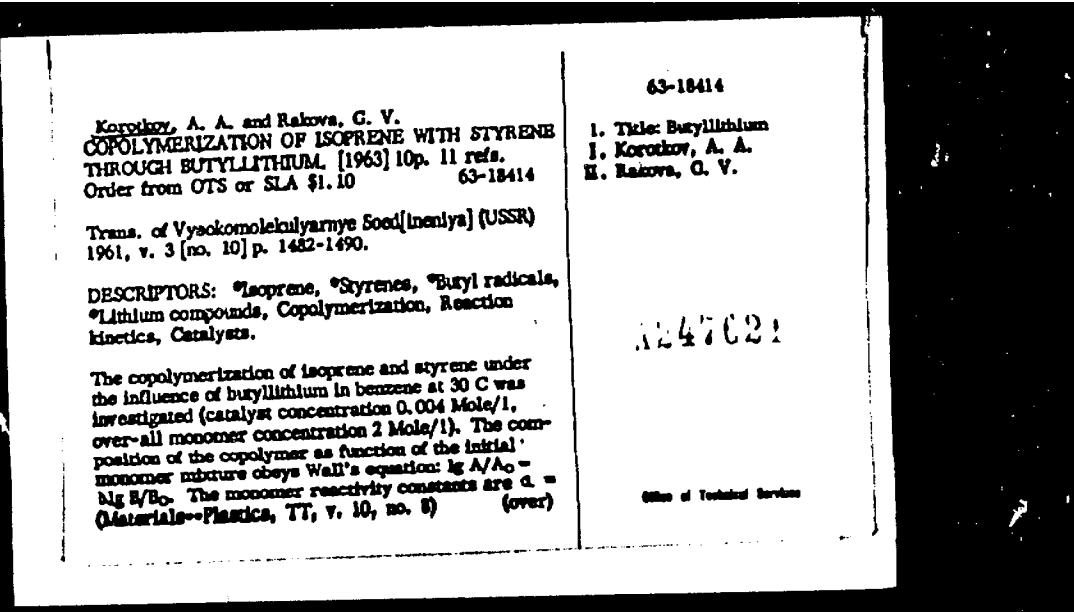
(Chemistry--Physical, TT, v. 7, no. 5)

62-12435

- I. Korotkov, A. A.
- II. Li, Tsung-Ch'ang
- III. Title: Effects ...
- IV. RIS G-314b
- V. Research Information  
Service, New York

19496?

Office of Technical Services



Dehydration of n-Amyl Alcohol Oxide, by I. S.  
Lishanskiy, A. A. Korotkov, G. A. Andreyeva,  
A. G. Zak, 3 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 10,  
1959, pp 2344-2346.

CB

Sci

127,372

Sep 60

Progress in Measurements of Time and the  
Establishment of New Methods for Measuring Physical  
Quantities, by A. I. Gordiyenko, A. A. Korotkov,  
3 pp.

RUSSIAN, per, Izmeritel Tekh, No 11, 1960, pp. 24-25.

ISA

Sci

168, 995

Sept 61

INVESTIGATION OF THE COMPOSITION OF PRODUCTS OF  
REACTION OF VANADIUM OXYTRICHLORIDE WITH  
TIRETHYLALUMINUM, BY G. N. PETROV, A. A.  
KOROTKOV, 4 PP.

RUSSIAN, PERIODIKHA SSSR, VOL CXLI,  
NP 3, 1961, PP 638-635.

CB

805,816

SCI  
AUG 60

AEC-tr-4497(p.452-5) Uncl.

SYNTHESIS OF ISOPRENE LABELLED WITH C<sup>14</sup>.  
A. A. Korotkov and G. V. Rakova. Translated  
from Trudy Vsesoyuz. Nauch.-Tekh. Konf. po  
Primenen. Radioaktiv. i Stabil. Izotopov i  
Izluchenii v Narod. Khoz. i Nauke, Moscow,  
1957 (1958). Izotopy i Izlucheniya v Khim.,  
p. 358-60.

C-4 P NSA

N-14

<p>Korotkov, A. A. and Rakova, G. V. SYNTHÈSE DE L'ISOPRÈNE MARQUÉ AU <math>^{14}\text{C}</math> (Sintez Izoprena, Mekhannogo <math>^{14}\text{C}</math>) tr. by Szyszman, 27 Dec 60 [11]p. (Russian text included) 7 refs. CEA Trans. no R 1152 (text in French). Order from OTS or SLA \$1.60 61-19579  Trans. in French of unidentified Russian mono. Isotopes et Rayonnements en Chimie, Moscow, 1958, p. 358-360.  DESCRIPTORS: *Isoprenes, Synthesis, *Carbon, *Radioactive isotopes, *Acetylenes, Chemical reactions.</p> <p>(Chemistry--Organic, TT, v. 6, no. 10)</p>	<p>61-19579</p> <p>I. Korotkov, A. A. II. Rakova, G. V. III. CEA-tr-R1152 IV. Commissariat à l'Énergie Atomique (France)</p> <p>Office of Technical Services</p>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Polymerization of Isoprene With a Butyl Lithium Catalyst, by A. A. Korotkov, N. N. Chesnokova, L. B. Trukhmanova, 11 pp.

RUSSIAN, per, Vysokomol Soedin, Vol I, No 1, 1959,  
pp 46-56.

PP

Sci - Chem

Apr 61

146,227

The Synthesis and Investigation of Hybrid Polymers.  
I. Styrene and Isoprene Block Polymers Formed by  
Catalytic Polymerization in Solution Under the  
Action of Butyl Lithium, by A. A. Korotkov, L. A.  
Shibayev, L. M. Pyrkov, 4 pp.

RUSSIAN, per, Vysokomol Soedin, Vol I, No 3, 1959,  
pp 443-453.

PP

Sci - Chem

Apr 61

147,139

1

Synthesis of Polymethyl Methacrylate With Regular Microstructure, by A. A. Korotkov, C. P. Mitsangendler, V. N. Krasulina, 10 pp.

RUSSIAN, per, Vysokomol Soedin, Vol I, No 7, 1959,  
pp 1319-1326.

pp  
164, 763

Sci

Aug 61

ATS - 70N4812

ATC - RT-3611

Synthesis of 2-Tert-Butylbutadiene-1, 3,  
by A. A. Korotkov, L. F. Roguleva, V. A. Tasitokhtsev,  
5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 7, 1960,  
pp 2298-2302.

2-2

CB 66, 23<sup>f</sup>9  
4 580

Sci

Aug 61

Polymerization of Olefines by Catalyst Complexes -- I.  
Interaction of Alkyaluminium Chlorides and Triethyl-  
aluminium With Titanium Tetrachloride, by A. G. Posament  
A. A. Korotkov, I. S. Lishenakly, 8 pp.

RUSSIAN, per, Vysokopol Soyedin, Vol I, No 7, 1959,  
pp 1207-1213.

PP 164,759

Sci

Aug 61

MODIFICATION OF SOD PODZOLIC SOILS UNDER MEADOW  
VEGETATION, by A.A. Korotkov, 7 pp.  
RUSSIAN, per Pochvovedeniye, No 9, 1960, pp 62-70.

AIBS

Sci

172, 925

Oct 61

Korotkov, A. A., Mitsengendler, S. P., and Aleev, K. M.  
EFFECT OF DIETHYLETHER ON THE COPOLYMERIZATION PROCESS OF BUTADIENE WITH  
STYRENE, [1963] 7p, 10 refs.  
Order from OTS or SLA \$1.10

63-18412

Trans. of Vysokomolekulyarnye Soed[ineniya] (USSR).  
1960, v. 2 [no. 12] p. 1811-1816.  
Another trans. is available from PP in Polymer Science  
USSR, v. 3, no. 3, \$100.00/year.

DESCRIPTORS: \*Butadienes, \*Styrenes, \*Ethyl ethers,  
Vinyl radicals, Copolymerization, Addition reactions,  
Catalysts, \*Lithium compounds, Butyl radicals.

The effect of diethyl ether on the polymerization kinetics of divinyl and styrene in benzene at 30 C and on the composition of the resultant polymers was investigated. Addition of 0.05 mole/l ether increases the content of styrene units in the copolymer from 13 (Materials--Plastics, TT, v. 10, no. 9) (over)

63-18412

- I. Title: Diethyl ether
- II. Korotkov, A. A.
- III. Mitsengendler, S. P.
- IV. Aleev, K. M.

Office of Technical Services

Investigation of the Copolymerization of Isoprene  
With Propylene and Dilicopropenyl, by G. V. Rakova,  
A. A. Korotkov, Li Tsun-Chan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 3,  
1959, pp 582-585.

Consultants Bureau

Sci

119,488

Jun 60

Investigation of the Copolymerization of Isoprene  
and Divinyl by Butyllithium, by G. V. Rakova, A. A.  
Korotkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 4,  
1958, pp 982-985.

✓  
Consultants Bureau

Sci - Chem

May 59

87,060

<p>Korotkov, A. A. and Chesnokova, N. N. CATALYTIC COPOLYMERIZATION OF STYRENE WITH BUTADIENE. [1961] 14p. 12 refs. Order from OTS or SLA \$1.60 61-14970</p> <p>Trans. of Vysokomolekulyarnyye Soyedineniya (USSR) 1960, v. 2 [no. 3] p. 365-374.</p> <p>DESCRIPTORS: Catalysts, *Copolymerization, *Styrenes, *Butadienes, Polymers, Chemical reactions.</p> <p>(Chemistry--Organic, TT, v. 6, no. 1)</p>	<p>61-14970</p> <p>I. Korotkov, A. A. II. Chesnokova, N. N.</p> <p>Office of Technical Services</p>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------

A New Substitute for Ethyl Silicates,  
by A. G. Korotkov, I. N. Magrilova. URCL

RUSSIAN, par, Traktory i Sel'khozmashiny,  
No 6, 1959, pp 47, 48.

DSIR LIU RTS 1501

(5a.)

Sci - Chem

May 60

116, 612

Effect of Pressure on the Disruption of Stable  
Burning of Porous Explosives, by A. P. Belyayev, 36  
A. I. Korotkov, et al, 5 pp.  
RUSSIAN, per, Zhur Prik Mekh i Tekh Fiz, No 5, 1963,  
pp 117-120. 9225804  
AEC-LA-Tr-64-15

Sci-Phys  
Dec 64

270,062

Role of Artesian Water Discharge in Formation  
of Ionic Flow from Large Areas, by A. I. Korotkov,  
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Science  
Sections, Vol CL, No 1-6, May, Jun 1963

Amer Geol Inst

Sci

Jul 65

4  
Summary of the Western Ukraine.  
by J. R. Thompson, S. P.  
Received by General Gandy, 17 Jun 1964.  
SAC  
JPS 21005

Under  
Score  
Aug 64

248,200

Internal Bremsstrahlung Accompanying  $\beta$ -decay of  
 $P^{32}$ , K. A. Korotkov, A. M. Chernikov, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIV,  
No 7, 1960, pp 899-902.

CTF

Sci

169, 340

Sep 61

Handbook on Radioisotopic Instruments for  
Control and Automation of Technological  
Products, by L. I. Kerotkov.  
Moscow, bk. Spravochnik po Radioizotopnym  
Priborom dlya Kontrolya i Avtozatizatsii  
Tekhnicheskikh Prosessov, 1963, pp. 235.  
Sci/Phy  
ar 65

Periodic Report on Atomic Energy in USSR, by P. F.  
Korotkov, 13 pp.

RUSSIAN, per, Zhur Prikl Mekh i Tekh Fiz, No 3,  
May/Jun 1961, p 25.

AF-1490316

Sov. - R. Phys.

Mar 62

183, 393

Abstract of  
Polymerization With Na-Alkyls and Structure of the  
Resulting Polymers, by A. A. Korotkov, N. N. Motovilova

All-Union Synthetic Rubber Research Institute

CIA/FDD X-2731

Abstract of  
Polymerization of Methyl Methacrylate With Butyl  
Lithium, by A. A. Korotkov, S. P. Mitsenhendler,  
V. N. Krasulina

High Polymers Institute Acad. Sci., USSR

CIA/FDD X-2731

The Question of the Action of Complex Catalysts for  
the Polymerization of Vinyl Compounds. A. A.  
Korotkov, L. B. Trukhmanov, 4 pp

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXVII, No 4,  
1957, pp 635-637.

Consultants Bureau

Sci - Chem

Oct 58

74,696

The Effect of the Microstructure of Polyisoprene on  
Its Properties, by A. A. Korotkov, K. B. Piotrovsky,  
D. P. Feringer, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CX,  
No 1, Sep/Oct 1956, pp 89-92. CIA 9033502

Consultants Bureau

Sci - Chem

Dec 57

56,657  
Ast-Tech Sec/PJ-1448

TT-65-63875 Field 9A

Korotkov, A. F.  
DEVICE FOR DISPLACING A BEAM ALONG A GIVEN  
TRAJECTORY IN INSTALLATIONS FOR CATHODE RAY  
PROCESSING. 19 Aug 65, 6p. FTD-TT-65-497;  
AD-620 855,  
Order from CFSTI, SLA, or ETC: HC\$1.00, MF\$0.50  
as AD-620 855

Unedited rough draft trans. of Patent (USSR) 167 135.  
Patent appl. no. 833560/25-8, 23 Apr 63, 2p.

I. Foreign Technology Div.,  
Wright-Patterson AFB,  
Ohio

TT-65-63875

Field 9A

Korotkov, A. F.  
DEVICE FOR DISPLACING A BEAM ALONG A GIVEN  
TRAJECTORY IN INSTALLATIONS FOR CATHODE RAY  
PROCESSING. 19 Aug 65, 6p. FTD-TT-65-497;  
AD-620 855,  
Order from CFSTI, SLA, or ETC: HC\$1.00, MF\$0.50  
as AD-620 855

Unedited rough draft trans. of Patent (USSR) 167 135.  
Patent appl. no. 833560/25-8, 23 Apr 63, 2p.

I. Foreign Technology Div.,  
Wright-Patterson AFB,  
Ohio

A Study of Catalytic Polymerization of Diene Hydro-carbons by Means of Molecular-Weight Distribution of Polymers, by S. E. Bresler, A. A. Korotkov, M. I. Mosevitskiy, I. Ya. Poddubnyi, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 1,  
1958, pp 114-131.

Amer Inst of Phys  
Sov Phys - Tech Phys  
Vol III, No 1

Sci - Phys

74, 016

Sep 58

A  $\gamma$ -Ray Source (GIBE-800) for Radiobiological Experiments, by A. V. Bibergall<sup>1</sup>, M. M. Korotkov, O. G. Arakelov, 5 pp.

RUSSIAN, per, Biofizika, Vol III, No 1, 1958,  
pp 116-122.

Pergamon Inst

Sci - Med  
Dec 58

78.436

The Role of the Experience in the Development  
of the Soviet Military Science, by Col I.  
Korotkov, 6 pp.

RUSSIAN, mp, Krasnaya Zvezda, No 200, 29 Aug  
1956, p 2, Encl to IR-1819-56, AF01M-1A1.

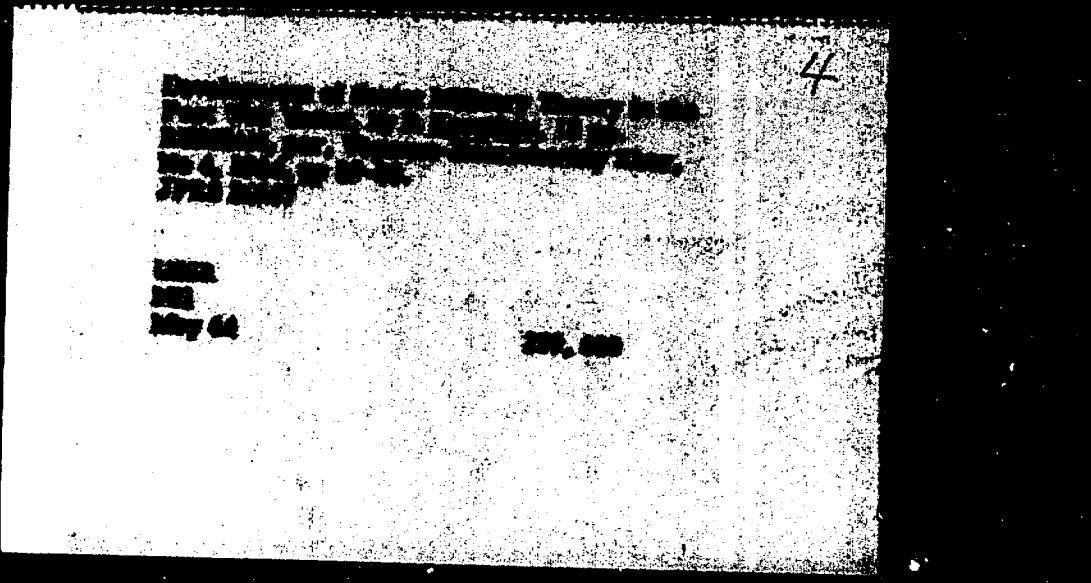
AF 1045137

USSR  
Military - Doctrine  
Jan 57 CTS

42, 783

APPROVED FOR RELEASE: Monday, July 28, 2003

CIA-RDP91-00929R000100350007-6



APPROVED FOR RELEASE: Monday, July 28, 2003

CIA-RDP91-00929R000100350007-6

On some basic factors determining the course of  
a future war, by I. Korotkov, 14 pp.  
UNCLASSIFIED

REPRINT, no. Soviet Aviatsiya, 12 Aug 1959.

42A (1959) 170

Rand Corp R-97

USSR

Mil

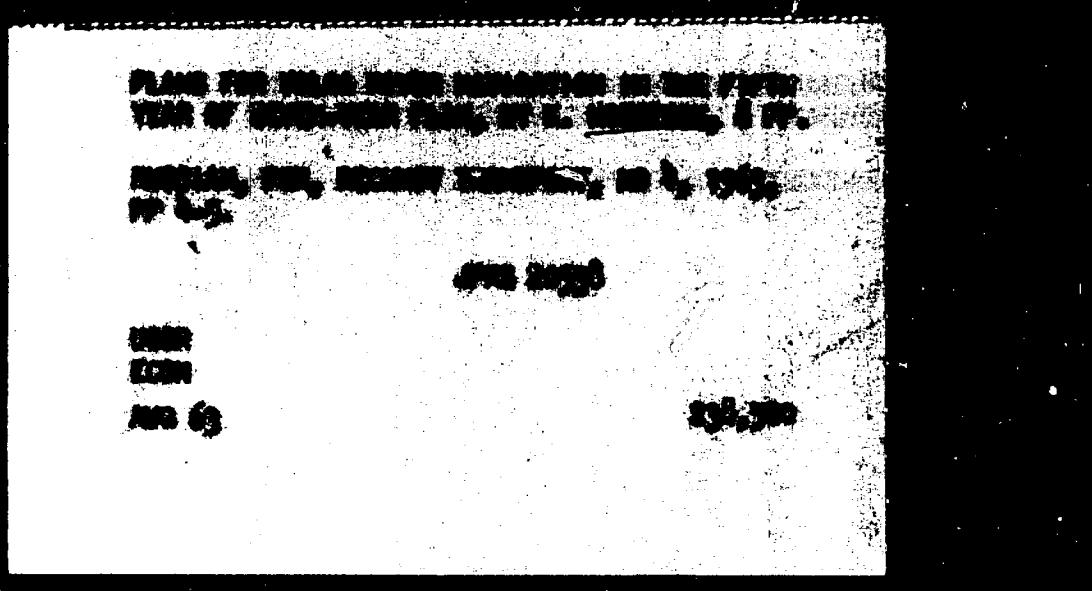
Oct 58

AF 1187175

74, 272

APPROVED FOR RELEASE: Monday, July 28, 2003

CIA-RDP91-00929R000100350007-6



APPROVED FOR RELEASE: Monday, July 28, 2003

CIA-RDP91-00929R000100350007-6

(NY-5100/8)

The Volga River Workers Will Keep Their Pledges,  
by K. Korotkov, 3 pp.

RUSSIAN, mp, Vodnyy Transport, 4 Apr 1961.

JPRS S654

USSR

Econ

Aug 61

162,845

Continuous Casting of Steel, by A. D. Akimenko,  
K. P. Korotkov.

RUSSIAN, bk, Osvoeenie Nepririvnoi Razlivki Stali,  
Chapters I, II, III, ~~1960~~, 1960, pp 1-39, 40-118,  
119-226.

BISI 2380

Sci - Engr  
Feb 63

~~224, 243~~  
224, 243

The Continuous Casting of Steel in Commercial Use,  
by K. P. Korotkov, H. P. Mayorov, A. A. Skvortsov,  
171 pp.

RUSSIAN, bk, Promyshlennaya Primeneniye Nepreryvnoy  
Izazivki Stali, 1958.

PP

144, 922

Sci - Min/Metals

Apr 61

By J. S. T. and  
T. M. D. R. M.

IN  
570  
E7  
.15 C.2

108  
Handbook on Radioisotopic Instruments for  
Control and Automation of Technological  
Products, by L. I. Korotkov.  
RUSSIAN, bk. Spravochnik po Radioizotopnym  
Priborom dlya Kontrolya i Avtomatizatsii  
Tekhnologicheskikh Protsessov, Moscow, 1963,  
239 pp.  
\*NSSTI  
AEC-Tr-6633

Korotkov, L. I.

Sci - NS

May 66

300,532

The Industrial Application of the Continuous Casting of  
Steel, by K. P. Korotkov, et al.

RUSSIAN, bk, Sudpromgiz, 1958.

\*PP

Sci - Engr

Dec 60

Scintillation Detector of Fast Neutrons, by L. I.  
Yurokoy, Ya. V. Sivintsev, V. N. Chervichenko,  
17 pp.

RUSSEMAN, ok, Scintilllyatsi myi Detector Bystrykh  
Neutronov, 1960. 5093901 /-20

AEC UCRL TR-644

See - File  
Dec 61

/77, 438

Experimental Investigation of a Scintillation  
Detector For Thermal Neutrons, by V. M. Kryzhevich,  
P. T. Korotkov. 14 pp.

RUSSIAN: Obshchennye Otsperimental'nye Issledovaniya  
Scintilliruyushchego Detektora Teplykh Neutronov,  
1960. 30045

AEC TR-472<sup>02</sup>

176, 797

Sci - Phys  
Doc 61

Handbook of Automatic Control Instruments  
with Isotope Sources, by L. I. Koretkov,  
RUSSIAN, bk, Spravochnik po Radiozotonnym  
Priboram Dlya Kontrolya I Avtomatizatsii  
Tekhnicheskikh Prosessov, 1963, 200 pp.  
ABC-tr-6633

Sci-Nucl Sci  
Nov 66

Some Principles for the Design and Use of Power  
Irradiators, by A. V. Bibergal<sup>1</sup>, M. M. Korotkov  
T. G. Ratner, 7 pp

RUSSIAN, per, Atom Energ, Vol VII, No 3, 1959,  
pp 244-251

CB

Sci  
May 61

151,384

Arzavir Bioplant, by M. T. Korotkov.

RUSSIAN, per, Veterinariya, Vol XXXI, No 10,  
Oct 1954, pp 30-34.

UEDA

Scientific - Biology

~~Microfilm~~

Jan 55 CTS/DEX

20, 963

(NY-0445)

An Electronic Regenerative Repeater, by N. U.  
Korotkov, 7 pp.

RUSSIAN, per, Vestnik Svyazi, No 4, 1961,

JPRS 9605

Sci

Aug 61

161, 963

The Indicatrix of the Raman Scattering of Light,  
by I. I. Kondilenko, P. A. Korotkov, V. L.  
Strizhevskiy, 3 pp

RUSSIAN, per, Optika i Spektral, Vol VIII, No 4,  
1960, pp 471-476

OSA

Sci  
May 61

151, 053

On the Intensities of Raman Lines, by I. I. Kondilenko,  
P. A. Korotkov, V. L. Strishevskiy, 5 pp

RUSSIAN, per, Optika i Spektro, Vol IX, No 1,  
1960, pp 26-33

OSA

Sci  
May 61

150,795

Nonlinear Geometric Acoustics. Weak shock  
waves, by I. F. Sorotkov, 8 pp.  
RUSSIAN, per, Zhurnal Tekhnicheskoy Kibernetiki i  
Tekhnicheskoy Fiziki, No 5, 1964, pp 30-37.  
1000-6168-4  
FD-11-65-161

111

Sci.-sys  
Jun 66

356,429

P.F. Kaufer

Exchange of Advanced Information. Production of Lubricating Oils From Sulfurous Eastern Crude Oils in a Large Selection, by P. I. Korotkov, 2 pp.

RUSSIAN, per, Neftyanik, No 9, 1956, pp 3-5, Encl to IR-1167-57, AFOIN-1A1.

AF 1076939

Sci - Fuels  
USSR  
Econ  
Mar 57

44,843

Korotkov, P. M. and Sokolov, N. K.  
CONDUCTIVITY OF POTASSIUM AND SODIUM HYDROXIDE SOLUTIONS AT ELEVATED TEMPERATURES. [1964] 11p (tables figs omitted)  
Order from OTS, SLA, or ETC \$1.60 TT-64-10763

Trans. of Zhurnal Obshchey Khimii (USSR) 1933, v. 3,  
p. 670-678.

TT-64-10763

I. Korotkov, P. M.  
N. Sokolov, N. K.

283524

(Chemistry--Physical, TT, v. 11, no. 12)

Office of Technical Services

Temperature Dependence of the Structural  
Absorption and Fluorescence Spectra of the  
Solutions of Aromatic Compounds, by V. P. Klochkov,  
S. N. Korotkov, 5 pp.

RUSSIAN, per, Optika i Spektro, Vol XVI, No 5,  
1964, pp 833-841.

Optical Soc of Amer

Sci-  
Aug 64

265,416

Improvement of the Exploration Process as one  
Measure for Early Fultilling of the Tasks of the  
Seven Year Plan for Increasing the Commercial  
Reserves of Oil and Gas, by S. T. Korotkov, 4 pp.

RUSSIAN, per, Geolog Nefti i Gaza, Vol IV, No 2-A,  
1960.

RRG

204,023

Sci

Juh 62

Efficient Distribution of Wells in the Oil  
Fields of the Krasnodar Area, by S. T. Korotkov,  
I. D. Amalin, 6 pp.

RUSSIAN, per, Geolog Nefti i Gaza, Vol XI IV,  
No 9-A, 1960.

RRG

Sci  
Jun 63

232,558

Progressive Methods of Development of Oil  
Fields of the Krasnodar Area, by S. T.  
Korotkov, 3 pp.

RSSIAN, per, Geolog Neft, Vol II, No 11-12,  
1958, pp. 1-5.

Rev of Russian Geol

Sci

Mar 60

109,957

Certain Principles of Construction of  
Discrete Systems of Control for Azimuthal  
Astronomical Instruments, by S. V. Korotkov,  
V. A. Myasnikov, 39 pp.  
RUSSIAN, per, Akademiya Nauk SSSR, Astron  
Sovet. Komissiya Pribor Novaya Tekhnika v  
Astron. Materiały Sovetsk., 1963, pp 8-38.  
PI00104366

PTD-TT-66-38

S.V. KOROTKOV

Sci - Astronomy & Astro  
Doc 66

314,186

Certain Principles of Construction of  
Discrete Systems of Control for Azimuthal  
Astronomical Instruments, by S. V. Korotkov,  
V. A. Myasnikov, et al, 20 p.  
RUSSIAN, por, Materialy Soveshchaniya,  
Astronomicheskiy Sovet, Komissiya Priborostroyeniya Novaya Tekhnika v Astronomii,  
1961, pp 60-79.  
\*ITD-TT-66-38

S. V. Korotkov

Sci-Elect  
Mar 66

The Investigation of the Algorithm of  
a Special-Purpose Digital Computer for  
the Transformation of Equatorial Coordinates  
into Azimuthal Coordinates, by  
S. V. Korotkov, V. A. Slyn'nikov.  
RSSIAN, per, Trudy Inst Elektro. Sbornik  
Rezot po Vorosha Elektronicheskimi  
Avtomatizatsiya, Telemekh i Pribor,  
no 9, 1964, pp 87-101.  
\*FIL-67-65-415

77

Sci - Phys  
Sept 65

Investigation of the Algorithm used in a Specialized Digital Computer for Conversion of Equatorial Coordinates to Azimuthal Coordinates, by S.V. Korotkov, V.A. Kysenikov, et al. 15 pp. RUSSIAN, per, Trudy Ak Nauk SSSR. Institut Elektromekhaniki. Sbornik Rabot Po Voprosam Elektromekhaniki, No 9, 1963, pp 87-101. 9700773  
FTD-MI-65-415

S.V. Korotkov

Sci/Math & Data Processing  
Jun 66

303,784

On the Yak-18a In a Circle, by Capt V.  
Korotkov, 4 5 pp. USCL

RUSSIAN, rpt, Na Yak-18a po Krugu, 1 pp.

AFIC MIL-198/III

USSR - MIL  
Sci - Aero  
25 Jun 59

Telecom 41444(1)

94, 975

"Atlant-1" Descends to the Depths, by V. Korotkov, V. Tartyshovskiy, 6 pp. RISOLAH, per. Biblioteka Sportssmena-Podvodnika, No 16, 1967, pp 21-27. JPRS 42668

qk

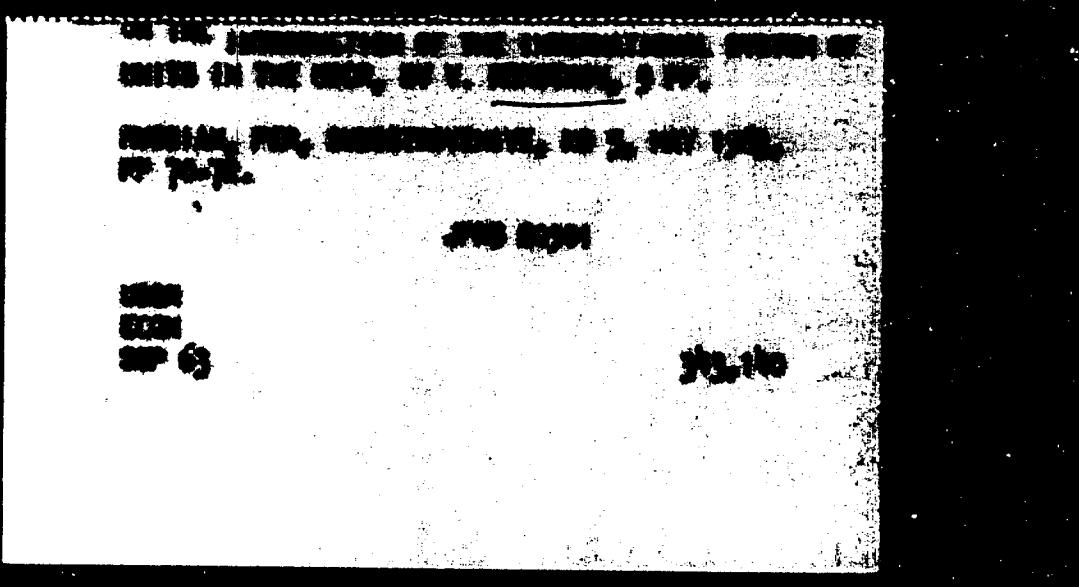
V. Korotkov

Sci-Mar Engr  
let 67

340,791

APPROVED FOR RELEASE: Monday, July 28, 2003

CIA-RDP91-00929R000100350007-6



APPROVED FOR RELEASE: Monday, July 28, 2003

CIA-RDP91-00929R000100350007-6

110  
The Fourier Transform for Abstract Set Functions,  
by V. S. Korotkov & Ya. I. Gil'derman.  
RUSSIAN, per, Sibirskii Mat. Zh., Vol 5, No 4,  
1964, pp 844-852.  
Dept of Navy/ APL/JHU TG 230-T529

Sci/Math  
Feb 68

309,546

Abstract Set Functions and Embedding Theorems,  
by V. B. Korotkov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVI, No 3,  
1962, pp 531-534.

Amer Math Soc

See

Jul 63

237,485

On Sverdlov-Sobolev's Imbedding Theorems for  
Abstract Functions. by V. B. Korotkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXLI,  
1961, pp 308-311.

Amer Math Soc

Sci

Jun 62

200, 846

Fourier Transformation for Abstract Functions of Sets,  
by V. D. Korotkov, Yu. I. Gil'derman.  
RUSSIAN, per. Sib Mat Zhur, Vol IV, No 4, 1964. /23  
pp 344-352.  
Copy of Navy APL/BU J588

Set - Phys  
Aug 65

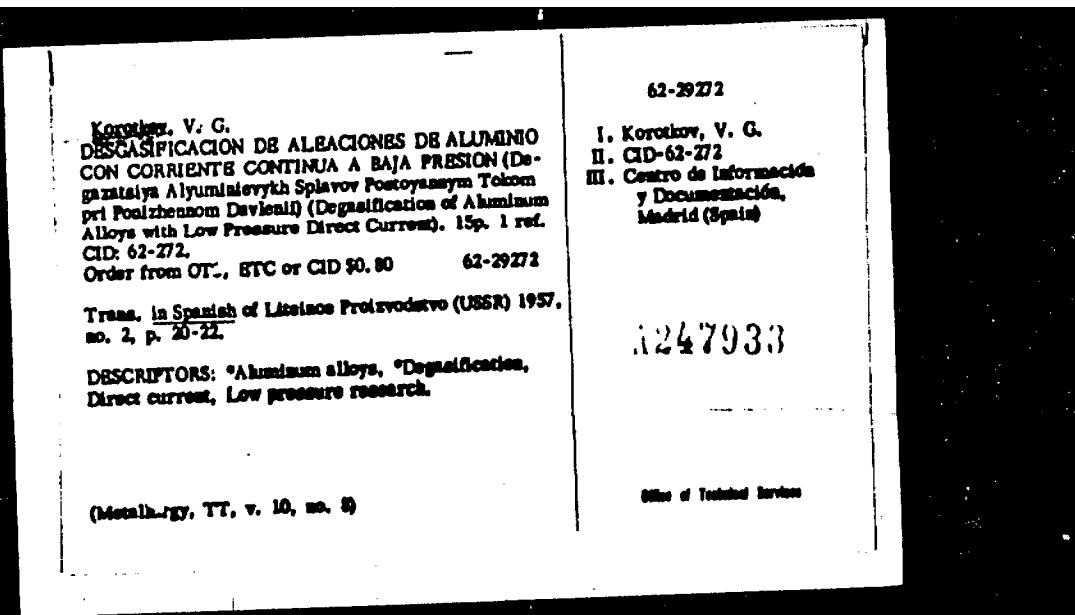
284,265

In - the - V B,

Sampler for Liquid Metals, by V. G. Korotkov.  
RUSSIAN, per, Zavod Lab, Vol XXX, No 9, 1964, p 1152.

AEC-Downreay Tr No 177  
Available on loan only

Sci - M/M  
Feb 65



Employed Preparation Procedures for Grain-Carrying Cars, by Z. N. Mysnikov, V. N. Korotkov.

RUSSIAN, per, Zheleznodorozhnyi Transport, No 9,  
1962, pp 87-89.

NRC/kaf: C-4343

Sci-Fngr

Dec 63

245, 045